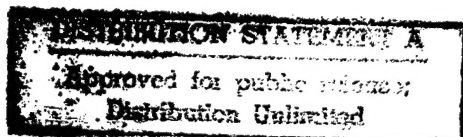


# REPORT DOCUMENTATION PAGE

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 06/19/98	3. REPORT TYPE AND DATES COVERED 01/01/98-12/31/98
4. TITLE AND SUBTITLE Outer Solar System Nomenclature			5. FUNDING NUMBERS Grant No. NAG5-6829
6. AUTHORS Dr. Tobias Owen			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) University of Hawaii Institute for Astronomy 2680 Woodlawn Drive Honolulu, Hawaii 96822			8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) National Aeronautics and Space Administration Goddard Space Flight Center Greenbelt, MD 20771			10. SPONSORING/MONITORING AGENCY REPORT NUMBER
11. SUPPLEMENTARY NOTES			
12a. DISTRIBUTION/AVAILABILITY STATEMENT Original-Technical Officer Copies-Grants Officer, NASA-CASI, DTIC-OMI, ONR, University of Hawaii			12b. DISTRIBUTION CODE
13. ABSTRACT (Maximum 200 words) The outer solar system nomenclature work involves the compilation and evaluation of names for surface features on satellites of the outer planets and designations for new satellites and rings. At the present time, the main emphasis in this area is given to new names for features on the satellites of Jupiter required by the Galileo Mission. In addition to the extensive work on Jovian satellites, there have been requests for new names on Mars as a result of the Pathfinder and Surveyor Missions.			
14. SUBJECT TERMS solar system, nomenclature			15. NUMBER OF PAGES 1
			16. PRICE CODE
17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT



19981124 001

**University of Hawaii**

**Annual Progress Report**

**Submitted to the**

**National Aeronautics and Space Administration**

**Grant No. NAG5-6829**

**"Outer Solar System Nomenclature"**

**January 1, 1998 to December 31, 1998**

**Submitted by**

**Tobias C. Owen  
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OUTER SOLAR SYSTEM NOMENCLATURE  
NAG 5-6829  
PROGRESS REPORT: 1998

The outer solar system nomenclature work involves the compilation and evaluation of names for surface features on satellites of the outer planets and designations for new satellites and rings. At the present time, the main emphasis in this area is given to new names for features on the satellites of Jupiter required by the Galileo Mission. During the last year, numerous new names for features on Callisto, Ganymede, Europa and Io have been reviewed and sent forward to the IAU for approval. A meeting with Prof. Kaare Aksnes in Oslo in April 1997 enabled detailed discussion of the procedures currently in force with the result that some streamlining has become possible.

In addition to the extensive work on Jovian satellites, there have been requests for new names on Mars as a result of the Pathfinder and Surveyor missions. Owen has worked directly with Dr. Bradford A. Smith, the current chair of the Mars Task Group to select suitable commemorative craters for distinguished, recently deceased scientists who have contributed to studies of Mars. Some of these names have been approved at the IAU meetings in Kyoto in August 1997, but others require a longer waiting time (in response to the three year limit) and more discussion before a consensus is reached on suitable features. Owen presented some of these cases to Prof. Aksnes during their Oslo meeting in April.

Aksnes visited Owen and Smith in October 1997 and an informal WGPSN meeting was held with the additional attendance of Mr. Merton Davies in Honolulu. At this meeting, all of the nomenclature activity for the previous year was reviewed. A new scheme was proposed by Owen for naming features on the surface of Titan. The name "Titan" refers to a class of giants who were defeated by the Greek Gods. It therefore seems fitting to name features on the surface of this satellite after beings and places from the legends of ancient peoples who were displaced by subsequent migrations or conquests. This embraces a proposal by Dr. Mark Lemmon to name the principal albedo feature on Titan from sources associated with native Americans in the southwest.